

Research Activity Panel Meeting Summary

Gregor M. Cailliet, MLML, RAP Chair

SEPTEMBER RAP MEETING

Host: Moss Landing Marine Laboratories

Friday September 8, 2000

Attendance: 21 RAP members and 6 guests (until the seminar and barbecue, attended by ~ 200)

PRESENTATIONS

Introduction to MLML (Kenneth Coale, Acting Director)

Summarized the many research projects underway by faculty, staff and students at the labs, emphasizing that while many were local, others were also involved with many locations around the world. The process leading to the new building and the projects underway to outfit the interior were discussed.

LIDAR Seafloor Mapping- No Monterey Connection (Mike Field)

Mike Field presented slides and even some 3-dimensional graphics of underwater images possible using LIDAR in clear, tropical waters such as Hawaii. He then discussed the possible implications for such technology in the MBNMS.

DISCUSSION

Complex Issues in Fisheries Management

Gary Sharp presented his views on the influence of long-term climate changes on marine fisheries, especially emphasizing ecosystem approaches and challenging the dogma of traditional fishery management principles. A lively discussion was stimulated, providing an appropriate segway to the next topic.

Proposed Market Squid MSY by PFMC

As requested by Bill Sydeman, PRBO, the RAP discussed the PFMC's proposal to set an MSY level for *Loligo opalescens*. We reviewed the history of the fishery relative to the life history of this squid.

RAP Chair and Vice Chair Recommendations

Andrew DeVogelaere summarized the results of the electronic nominating process to choose next year's RAP Chair and Vice Chair.

Point Pinos Rocky Intertidal Community Study

Chris Harrold updated the RAP on the results from the RFP for research to be done on long-term community changes and their possible causes in the rocky intertidal areas near Point Pinos. Four proposals have been submitted and are being reviewed by an independent panel of 11 scientists.

Sanctuary Updates

Andrew DeVogelaere reviewed progress on several MBNMS projects:

- 1) The use of MBARI as a pilot program for an institutional permit idea
- 2) An RFP to include cultural resources section on the web page
- 3) The recent research on Harmful Algal Blooms (HABs) in Monterey Bay
- 4) The status and legal review of the Kelp Plan.

SEMINAR PRESENTATION

Undersea Cable Laying Mechanics and Geological/Biological Results from the Pacific Genesis Project in Monterey Bay

Dallas Meggitt summarized cable laying mechanics, followed by a graphic description of the new knowledge gain on deep-sea geology in Monterey Bay by Gary Greene. Stacy Kim and Linda Kuhn reviewed the ecology of the invertebrates and fishes learned from their ROV and core sampling project.

POST-MEETING ACTIVITY

Annual RAP Barbecue

Aaron King once again provided a wonderful barbecue, this time for approximately 200 guests following the seminar. It was not an event to be missed, with ample quantities of high quality food and refreshment provided. Thank you, Aaron!